

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	3	((369/244,199).CCLS.) and (plurality and (movable or rotatable) and (mirror\$1 or reflector\$1) and light\$1 and magnet\$1) and coil\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/30 18:04
L2	106	(((385/16,17,18).CCLS.) or ((369/244,199).CCLS.) or ((359/290,291,627)".CCLS") or (((359/824).CCLS.) or ((359/813).CCLS.) or ((359/814).CCLS.) or ((359/822).CCLS.) or ((369/44.11).CCLS.) or ((369/44.14).CCLS.) or ((369/44.15).CCLS.) or ((369/44.16).CCLS.) )) and plurality and (movable or rotatable) and (mirror\$1 or reflector\$1) and light\$1 and magnet\$1 and support and drive\$1 and ((movable or rotatable) with (mirror\$1 or reflector\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/30 18:04
L3	2425	(359/290,291,627).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/30 18:04
L4	32	(((359/290,291,627).CCLS.) or ((385/16,17,18).CCLS.)) and (plurality with (movable or rotatable) with (mirror\$1 or reflector\$1) ) and coil\$1 and magnet\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/30 18:04
L5	7952	((359/824).CCLS.) or ((359/813).CCLS.) or ((359/814).CCLS.) or ((359/822).CCLS.) or ((369/44.11).CCLS.) or ((369/44.14).CCLS.) or ((369/44.15).CCLS.) or ((369/44.16).CCLS.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/30 18:04
L6	0	"20020075786" and (spring\$1 with couple\$1 with coil\$1)	US-PGPUB	OR	OFF	2007/09/30 18:04
L7	1381	(((plurality and (movable or rotatable) and (mirror\$1 or reflector\$1) and light\$1 and magnet\$1) and support and drive\$1) and ((movable or rotatable) with (mirror\$1 or reflector\$1)) ) and magnet\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/30 18:04

## EAST Search History

L8	2	((369/244,199).CCLS.) and plurality with (movable or rotatable) with (mirror\$1 or reflector\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/30 18:04
L9	1381	((((plurality and (movable or rotatable) and (mirror\$1 or reflector\$1) and light\$1 and magnet\$1) and support and drive\$1) and ((movable or rotatable) with (mirror\$1 or reflector\$1))) ) and (coil\$1 or magnet\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/30 18:04
L10	24	(plurality with mirror\$1) same (magnet\$1 with coil\$1) same switch\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/30 18:04
L11	4	L10 and @ad<="20001219"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/30 18:04
L12	1381	(((((plurality and (movable or rotatable) and (mirror\$1 or reflector\$1) and light\$1 and magnet\$1) and support and drive\$1) and ((movable or rotatable) with (mirror\$1 or reflector\$1))) ) and magnet\$1) and (support\$1 or spring\$1)) and plurality	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/30 18:04
L13	1960	(369/44.14).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/30 18:04
L14	12687	movable with plurality with drive	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/30 18:04
L15	2202	plurality with (movable or rotatable) with (mirror\$1 or reflector\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/30 18:04

## EAST Search History

L16	235	(((359/290,291,627).CCLS.) or ((385/16,17,18).CCLS.)) and plurality with (movable or rotatable) with (mirror\$1 or reflector\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/30 18:04
L17	1	("4655558").PN.	USPAT; USOCR	OR	OFF	2007/09/30 18:04
L18	393	(((385/16,17,18).CCLS.) or ((369/244,199).CCLS.) or ((359/290,291,627).CCLS") or ((359/824).CCLS.) or ((359/813).CCLS.) or ((359/814).CCLS.) or ((359/822).CCLS.) or ((369/44.11).CCLS.) or ((369/44.14).CCLS.) or ((369/44.15).CCLS.) or ((369/44.16).CCLS.) )) and plurality and (movable or rotatable) and (mirror\$1 or reflector\$1) and light\$1 and magnet\$1 and coil\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/30 18:04
L19	515	(359/824).CCLS.	USPAT; USOCR	OR	OFF	2007/09/30 18:04
L20	49	L19 and (plurality with movable)	USPAT	OR	OFF	2007/09/30 18:04
L21	4794	(385/16,17,18).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/30 18:04
L22	273	L19 and plurality	USPAT	OR	OFF	2007/09/30 18:04
L23	1	("6721112").PN.	USPAT; USOCR	OR	OFF	2007/09/30 18:04
L24	9812	plurality and (movable or rotatable) and (mirror\$1 or reflector\$1) and light\$1 and magnet\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/30 18:04
L25	2	((369/244,199).CCLS.) and (plurality with (movable or rotatable) with (mirror\$1 or reflector\$1) ) and coil\$1 and magnet\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/30 18:04
L26	86	movable with plurality with drive with mechanism with optical	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/30 18:04

## EAST Search History

L27	37	L26 and @ad<="20001219"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/30 18:04
L28	1381	(((((plurality and (movable or rotatable) and (mirror\$1 or reflector\$1) and light\$1 and magnet\$1) and support and drive\$1) and ((movable or rotatable) with (mirror\$1 or reflector\$1)) ) and magnet\$1) and (support\$1 or spring\$1)) and plurality) and drive\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/30 18:04
L29	196	(369/244,199).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/30 18:04
L30	27	((((plurality and (movable or rotatable) and (mirror\$1 or reflector\$1) and light\$1 and magnet\$1) and support and drive\$1) and ((movable or rotatable) with (mirror\$1 or reflector\$1)) ) and magnet\$1) and (support\$1 adj spring\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/30 18:04
L31	0	(359/290,291,627)".CCLS"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/30 18:04
L32	1	"20020075786" and (spring\$1 with coil\$1)	US-PGPUB	OR	OFF	2007/09/30 18:04
L33	1381	((plurality and (movable or rotatable) and (mirror\$1 or reflector\$1) and light\$1 and magnet\$1) and support and drive\$1) and ((movable or rotatable) with (mirror\$1 or reflector\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/30 18:04
L34	1381	((((plurality and (movable or rotatable) and (mirror\$1 or reflector\$1) and light\$1 and magnet\$1) and support and drive\$1) and ((movable or rotatable) with (mirror\$1 or reflector\$1)) ) and (coil\$1 or magnet\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/30 18:04

## EAST Search History

L35	7952	((359/824).CCLS.) or ((359/813).CCLS.) or ((359/814).CCLS.) or ((359/822).CCLS.) or ((369/44.11).CCLS.) or ((369/44.14).CCLS.) or ((369/44.15).CCLS.) or ((369/44.16).CCLS.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/30 18:04
L36	348	(359/814).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/30 18:04
L37	618	(359/813).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/30 18:04
L38	829	(359/824).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/30 18:04
L39	91	((((359/290,291,627).CCLS.) or ((385/16,17,18).CCLS.)) and ((plurality and (movable or rotatable) and (mirror\$1 or reflector\$1) and light\$1 and magnet\$1) and support and drive\$1) and ((movable or rotatable) with (mirror\$1 or reflector\$1)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/30 18:04
L40	4794	(385/16,17,18).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/30 18:04
L41	1200	((((((((plurality and (movable or rotatable) and (mirror\$1 or reflector\$1) and light\$1 and magnet\$1) and support and drive\$1) and ((movable or rotatable) with (mirror\$1 or reflector\$1))) ) and magnet\$1) and (support\$1 or spring\$1))) and plurality) and drive\$1) and mount\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/30 18:04

## EAST Search History

L42	1381	(((plurality and (movable or rotatable) and (mirror\$1 or reflector\$1) and light\$1 and magnet\$1) and support and drive\$1) and ((movable or rotatable) with (mirror\$1 or reflector\$1)) ) and magnet\$1) and (support\$1 or spring\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/30 18:04
L43	7086	((359/290,291,627).CCLS.) or ((385/16,17,18).CCLS.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/30 18:04
L44	144	(((359/290,291,627).CCLS.) or ((385/16,17,18).CCLS.)) and (plurality and (movable or rotatable) and (mirror\$1 or reflector\$1) and light\$1 and magnet\$1) and coil\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/30 18:04
L45	4991	((movable or rotatable) with (mirror\$1 or reflector\$1)) and (coil\$1 or magnet\$1) and (support\$1 or spring\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/30 18:04
L46	207	(((385/16,17,18).CCLS.) or ((369/244,199).CCLS.) or ((359/290,291,627)".CCLS") or ((359/824).CCLS.) or ((359/813).CCLS.) or ((359/814).CCLS.) or ((359/822).CCLS.) or ((369/44.11).CCLS.) or ((369/44.14).CCLS.) or ((369/44.15).CCLS.) or ((369/44.16).CCLS.)) and plurality with (movable or rotatable) with (mirror\$1 or reflector\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/30 18:04
L47	1200	(((((((plurality and (movable or rotatable) and (mirror\$1 or reflector\$1) and light\$1 and magnet\$1) and support and drive\$1) and ((movable or rotatable) with (mirror\$1 or reflector\$1)) ) and magnet\$1) and (support\$1 or spring\$1)) and plurality) and drive\$1) and mount\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/30 18:04
L48	1	"20020075786" and (spring\$1 with connect\$2 with coil\$1)	US-PGPUB	OR	OFF	2007/09/30 18:04

## EAST Search History

L49	12859	((385/16,17,18).CCLS.) or ((369/244,199).CCLS.) or ((359/290,291,627)".CCLS") or (((359/824).CCLS.) or ((359/813).CCLS.) or ((359/814).CCLS.) or ((359/822).CCLS.) or ((369/44.11).CCLS.) or ((369/44.14).CCLS.) or ((369/44.15).CCLS.) or ((369/44.16).CCLS.) )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/30 18:04
L50	2	((369/244,199).CCLS.) and (plurality with (movable or rotatable) with (mirror\$1 or reflector\$1) ) and magnet\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/30 18:04
L51	5482	(plurality and (movable or rotatable) and (mirror\$1 or reflector\$1) and light\$1 and magnet\$1) and support and drive\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/30 18:04
L52	196	(369/244,199).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/30 18:04
L53	44	(((359/290,291,627).CCLS.) or ((385/16,17,18).CCLS.)) and (plurality with (movable or rotatable) with (mirror\$1 or reflector\$1) ) and magnet\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/30 18:04
L54	694	mirror\$1 same magnet\$1 same coil\$1 same switch\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/30 18:04
L55	160	L54 and @ad<="20001219"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/30 18:04
L56	905	(369/44.15).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/30 18:04
L57	1	"20020075786"	US-PGPUB	OR	OFF	2007/09/30 18:04

## EAST Search History

L58	77	(plurality with movable with mirror\$1) and light\$1 and magnet\$1 and coil\$1 and support\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/30 18:04
L59	5316	(plurality and (movable or rotatable) and (mirror\$1 or reflector\$1) and light\$1 and magnet\$1) and coil\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/30 18:04
L60	388	(369/44.16).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/30 18:04
L61	242	(plurality with (movable or rotatable) with (mirror\$1 or reflector\$1) ) and magnet\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/30 18:04
L62	2487	movable with plurality with drive with mechanism	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/30 18:04
L63	3369	(369/44.11).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/30 18:04
L64	748	(359/822).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/30 18:04
L65	41	L20 and @ad<="20001219"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/30 18:04
L66	4991	((movable or rotatable) with (mirror\$1 or reflector\$1)) and (coil\$1 or magnet\$1) and (support\$1 or spring\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/30 18:04



## EAST Search History

L67	154	(plurality with (movable or rotatable) with (mirror\$1 or reflector\$1) ) and coil\$1 and magnet\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/30 18:04
L68	1	"20040168179"	US-PGPUB; USPAT	OR	OFF	2007/09/30 18:04
L69	0	L68 and embodiment\$1	US-PGPUB; USPAT	OR	OFF	2007/09/30 18:04
L70	0	L68 and embodiment	US-PGPUB; USPAT	OR	OFF	2007/09/30 18:04
L71	0	L68 and embodiments	US-PGPUB; USPAT	OR	OFF	2007/09/30 18:04
L72	0	L68 and embodiments	US-PGPUB; USPAT	OR	OFF	2007/09/30 18:04
L73	1	"20040168179"	US-PGPUB; USPAT	OR	OFF	2007/09/30 18:04
L74	0	L73 and embodiment\$1	US-PGPUB; USPAT	OR	OFF	2007/09/30 18:04
L75	1	("6721112").PN.	USPAT; USOCR	OR	OFF	2007/09/30 18:04
L76	1	"20040168179"	US-PGPUB; USPAT	OR	OFF	2007/09/30 18:04
L77	1	L76 and (pole with surface\$1)	US-PGPUB; USPAT	OR	OFF	2007/09/30 18:04
L78	1	L76 and (pole adj surface\$1)	US-PGPUB; USPAT	OR	OFF	2007/09/30 18:04
L79	1	"20040168179"	US-PGPUB; USPAT	OR	OFF	2007/09/30 18:04
L80	1	L79 and (effective adj portion\$1)	US-PGPUB; USPAT	OR	OFF	2007/09/30 18:04
L81	1	L79 and (rotat\$4 with torque\$1)	US-PGPUB; USPAT	OR	OFF	2007/09/30 18:04
L82	4146	modulat\$3 with voltage\$1 with direction\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/30 18:04
L83	0	modulat\$3 with voltage\$1 with opposite with while with direction\$1.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/30 18:04

## EAST Search History

L84	355	modulat\$3 with voltage\$1 with ((opposite or different) adj direction\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/30 18:04
L85	755	modulat\$3 with voltage\$1 with (opposite or different) with direction\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/30 18:04
L86	375	L85 and @ad<="20040930"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/30 18:04
L87	564	modulat\$3 with voltage\$1 with opposite with direction\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/30 18:04
L88	334	(359/213).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/30 18:04
L89	0	modulat\$3 with opposite with while with direction\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/30 18:04
L90	3808	modulat\$3 with voltage with direction\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/30 18:04

## EAST Search History

L91	0	modulat\$3 with (opposite or different) with while with direction\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/30 18:04
L92	174	L84 and @ad<="20040930"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/30 18:04